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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

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Sheet

Complete If Known				
Application Number	10/643,455			
Filing Date	August 19, 2003			
First Named Inventor	Farnworth et al.			
Group Art Unit	3723			
Examiner Name	M. Rachuba			
Attorney Docket Number	2269-4245 IUS (98-0288 01/US)			

			U.S. PATENT D	OCUMEN 13	
Examiner	Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials	No.1	Number - Kind Code ² (if known)	MM-DD-1111		Figures Appear
1		US-5,809,987	09/1998	Wark et al.	
T		US- 6,102,023	08/2000	Ishiwata et al.	
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Examiner Cite Initials* No.1	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	ĺ
	Country Code ³ - Number ⁴ - Kind Code ³ (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶	
		JP 8227865 A	09/03/1996	Hitachi Ltd.		X
		JP 8250453 A	09/27/1996	Murata Mfg.		X

Examiner Signature		Date Considered	7/6/05	
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8/19/03

Sheet 1 of 4 **Docket Number (Optional) Application Number** Form PTO-1449 4250.1US (97-0357.01/US) N t Yet Assigned INFORMATION DISCLOSURE CITATION Applicant David A. Cathey IN AN APPLICATION (Use several sheets if necessary) Filing Date August 18, 2003 Group Art Unit Unkn wn **U.S. PATENT DOCUMENTS** FILING DATE IF APPROPRIATE EXAMINER DOCUMENTNUMBER DATE NAME CLASS SUBCLASS INITIAL 09/1956 2,762,954 Leifer 2,865,082 12/1958 Gates 3,664,389 05/1972 Bower 3,688,815 09/1972 Ridenour 3,691,707 09/1972 Von Arx et al. 3,795,164 03/1974 Schneider 3,892,156 07/1975 **Johnstone** 3,961,547 06/1976 Shainberg et al. 4,006,656 02/1977 Shinomiya 4,102,227 07/1978 Simko 4,138,304 02/1979 Gantley 4,150,912 04/1979 Gutsche et al. 01/1981 4,246,595 Noyori et al. 4.259.886 04/1981 Seid et al. FOREIGN PATENT DOCUMENTS Translation DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES NO 287,869 10/1915 Germany 2810054-A 09/1978 Germany **OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED **EXAMINER** EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conforman

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8/19/03

Sheet 2 of 4 Application Number -Docket Number (Optional) **Form PTO-1449** 4250.1US (97-0357.01/US) **Not Yet Assigned** INFORMATION DISCLOSURE CITATION Applicant David A. Cathey IN AN APPLICATION (Use several sheets if necessary) Filing Date August 18, 2003 Group Art Unit Unknown **U.S. PATENT DOCUMENTS** FILING DATE IF APPROPRIATE **EXAMINER** DOCUMENT NUMBER DATE CLASS SUBCLASS NAME INITIAL 4,287,256 09/1981 **Demers** 4,287,798 09/1981 Cooper, Jr. et al. 4,343,662 08/1982 Gay 4,356,374 10/1982 Noyori et al. 4,358,978 11/1982 Lawson 4,451,972 06/1984 **Batinovich** 4,513,544 04/1985 LossI et al. 4,633,847 01/1987 Lossl et al. 4,688,540 08/1987 Ono 4,705,016 11/1987 Sekiya 4,804,641 02/1989 Artt et al. 4,903,437 02/1990 Kubotera et al. 4.937.653 06/1990 Blonder et al. FOREIGN PATENT DOCUMENTS Translation DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS NO YES **OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.) **EXAMINER** DATE CONSIDERED EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conforman

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(2-92)Sheet 3 of 4 Application Number Docket Number (Optional) Form PTO-1449 4250.1US (97-0357.01/US) N tY tAssigned INFORMATION DISCLOSURE CITATION Applicant David A. Cathey IN AN APPLICATION Group Art Unit Unkn wn (Use several sheets if necessary) Filing Date August 18, 2003 U.S. PATENT DOCUMENTS FILING DATE IF APPROPRIATE EXAMINER DOCUMENT NUMBER CLASS SUBCLASS DATE INITIAL 11/1990 Kubotera et al. 4,971,021 Keon et al. 5,046,392 09/1991 Farnworth et al. 5,059,899 10/1991 Ormond et al. 5,128,282 07/1992 5,259,149 11/1993 Klievoneit et al. Klievoneit et al. 5,316,559 05/1994 Tuttle 06/1994 5,323,150 Farnworth et al. 5,326,428 07/1994 Roberts, Jr. et al. 5,362,681 11/1994 5,373,834 12/1994 Chiuminatta et al. 10/1995 Cavagna 5,458,034 Sutherland et al. 5,461,008 10/1995 5.468,541 11/1995 Hsu FOREIGN PATENT DOCUMENTS Translation SUBCLASS CLASS DOCUMENT NUMBER DATE COUNTRY YES NO OTHER DOCUMENTS (Including Author, Title, Date, Perlinent Pages, Etc.) DATE CONSIDERED **EXAMINER**

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Sheet 4 of 4 **Application Number** Docket Number (Optional) Form PTO-1449 4250.1US (97-0357.01/US) **Not Yet Assigned** INFORMATION DISCLOSURE CITATION Applicant David A. Cath y IN AN APPLICATION (Use several sheets if necessary) Filing Date August 18, 2003 Group Art Unit Unknown **U.S. PATENT DOCUMENTS** FILING DATE **EXAMINER** DOCUMENT NUMBER DATE CLASS SUBCLASS NAME INITIAL IF APPROPRIATE 05/1996 Ormond et al. 5,521,125 5,579,671 12/1996 **Bowlin** 5,580,831 12/1996 Roman 5,851,845 12/1998 Wood et al. 5,907,984 06/1999 Herman, Jr. et al. 6,087,202 07/2000 Exposito et al. 6,117,707 09/2000 Badehi 6,119,675 09/2000 Akram et al. 6,130,473 10/2000 Mostafazadeh et al. FOREIGN PATENT DOCUMENTS Translation COUNTRY DOCUMENT NUMBER DATE CLASS SUBCLASS YES NO **OTHER DOCUMENTS** (Including Author, Title, Date, Perlinent Pages, Etc.) **EXAMINER** DATE CONSIDERED EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through cita-

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